

FIGURE 1

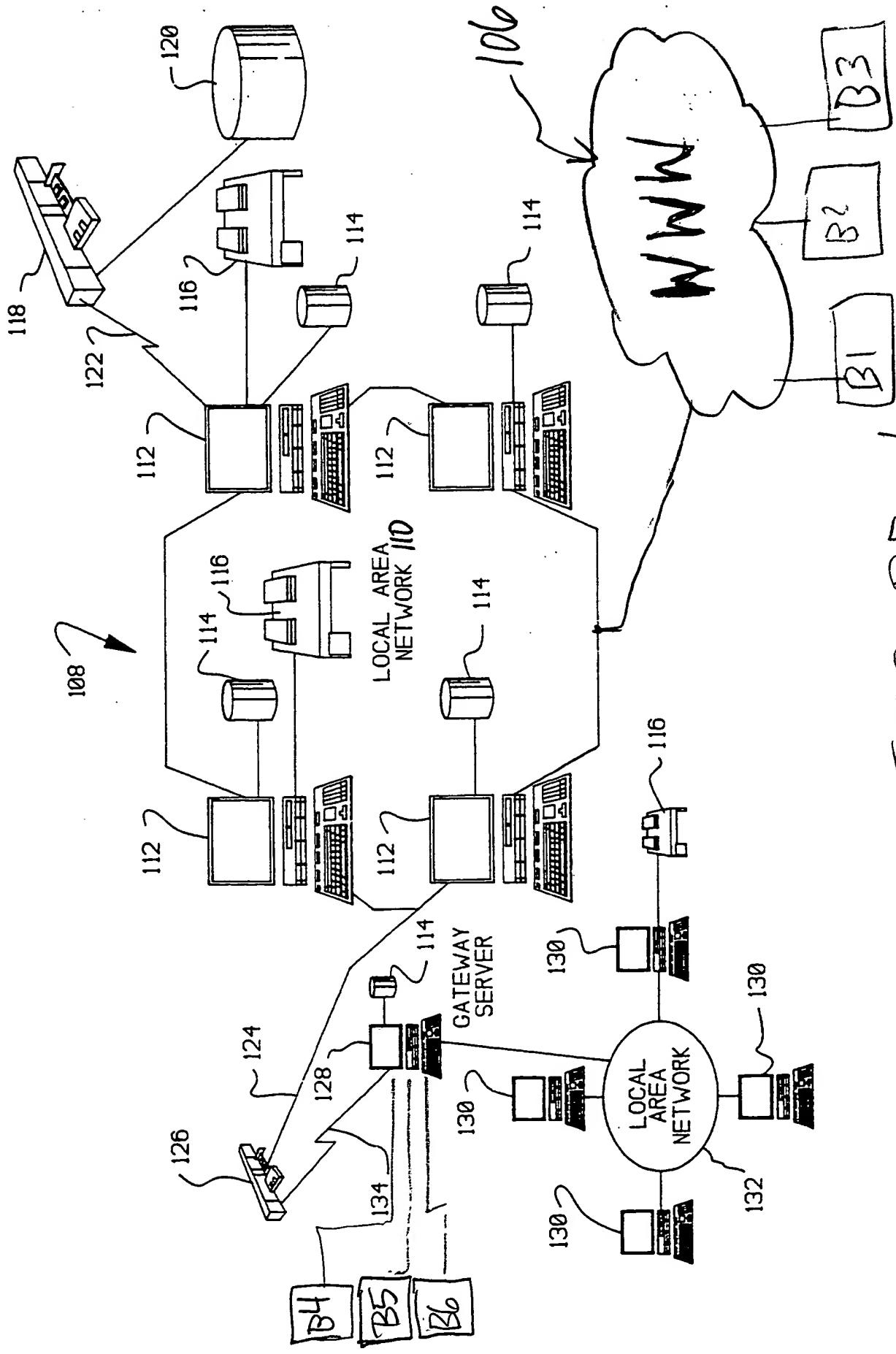
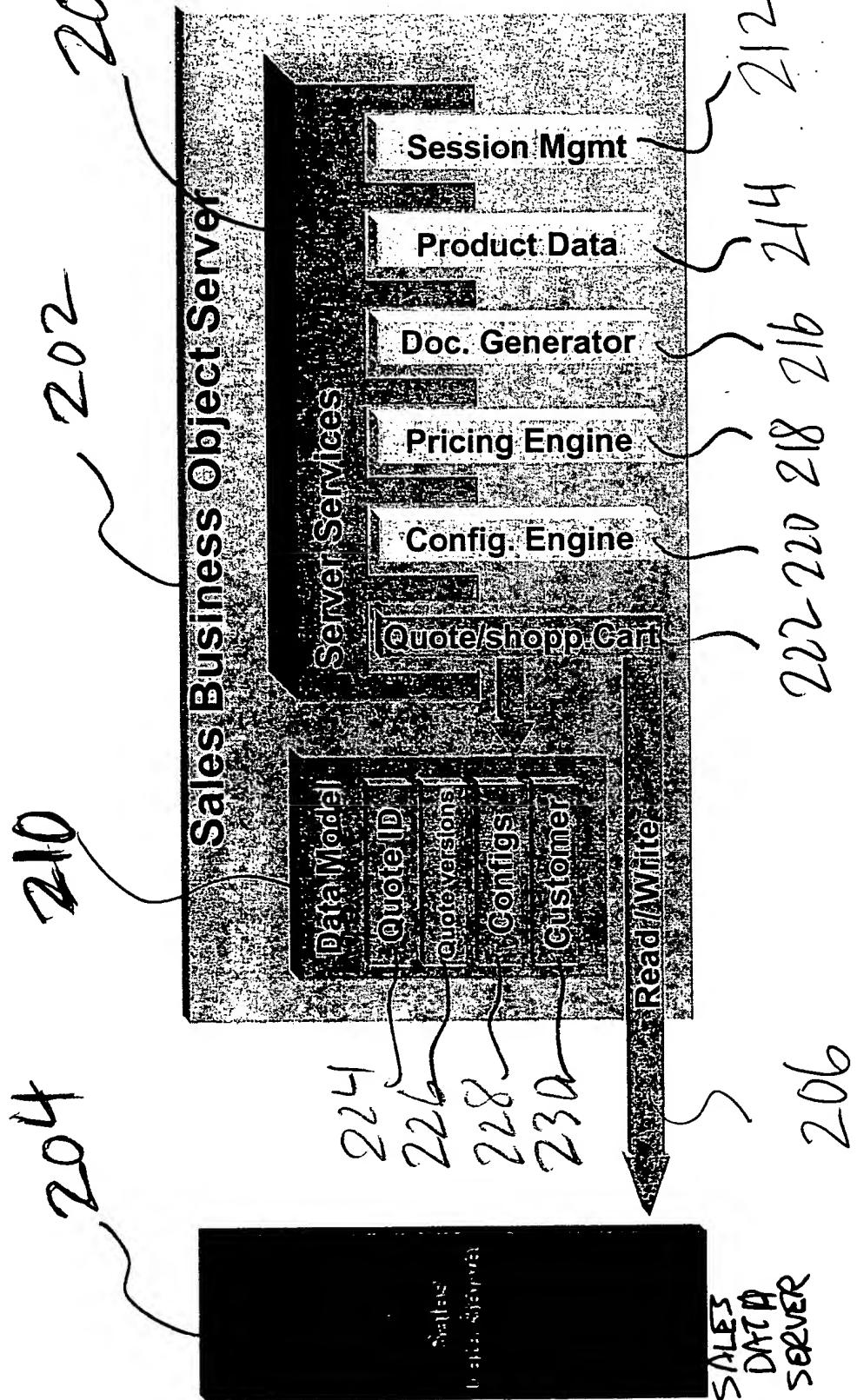


FIGURE 2



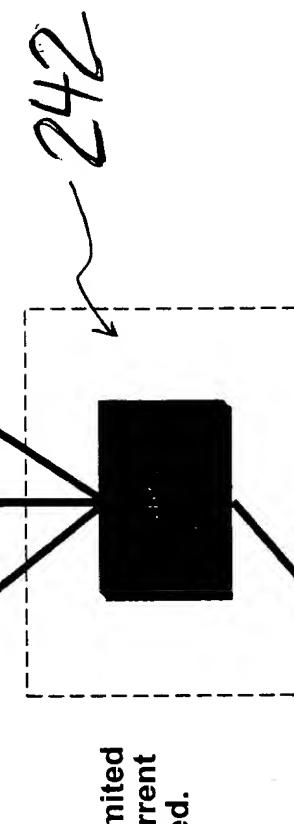
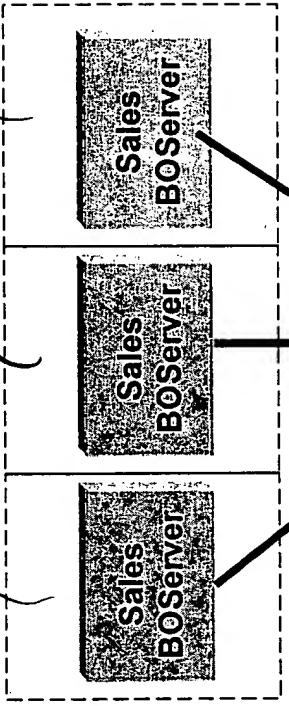
Scalability: Pyramid Model of Servers

244

248

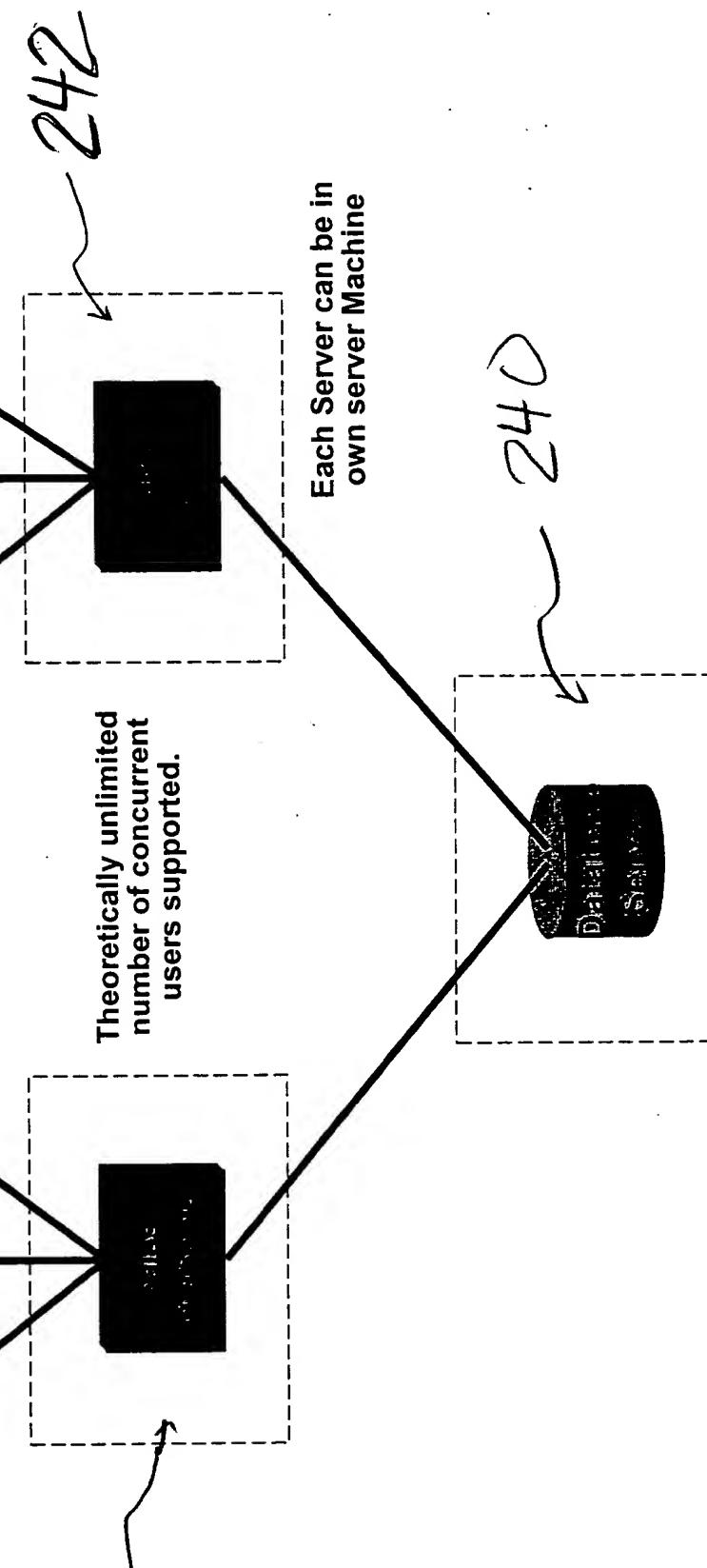
252

254



Theoretically unlimited
number of concurrent
users supported.

204



Each Server can be in
own server Machine

240



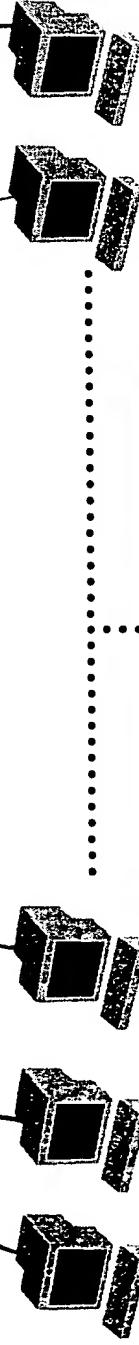
FIGURE 3

Scalability: Multithreaded Server

298

294

290



282

280

Light weight object presentation transfer for bulk data

270

Multithread server. Utilization of multiprocessor servers.

272

Multiple user session in one process.

Application Server Layer

Efficient use of operating system resources.

202

Session pooling to recycle sessions.

274

Data caching to minimize database load and response times.

260

Database connection pooling.



Data Server

Optimized efficiency of database resource utilization.

260



FIGURE 4

UI Summary

HTML UI



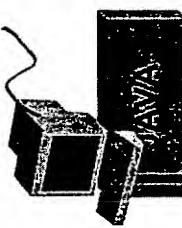
290

WEB
Browser
UI

HTTP

Low speed
Wan /
Internet /
Lan

STD UI



JAVA
Client
UI

LAN / High
speed Wan

Corba IIOP

300

Application
Servers

Sales
Corba
Internet
Server

WEB
Server

Sales
Corba
BO Server

Sales
Corba
Scalable
Architecture

204

202

280

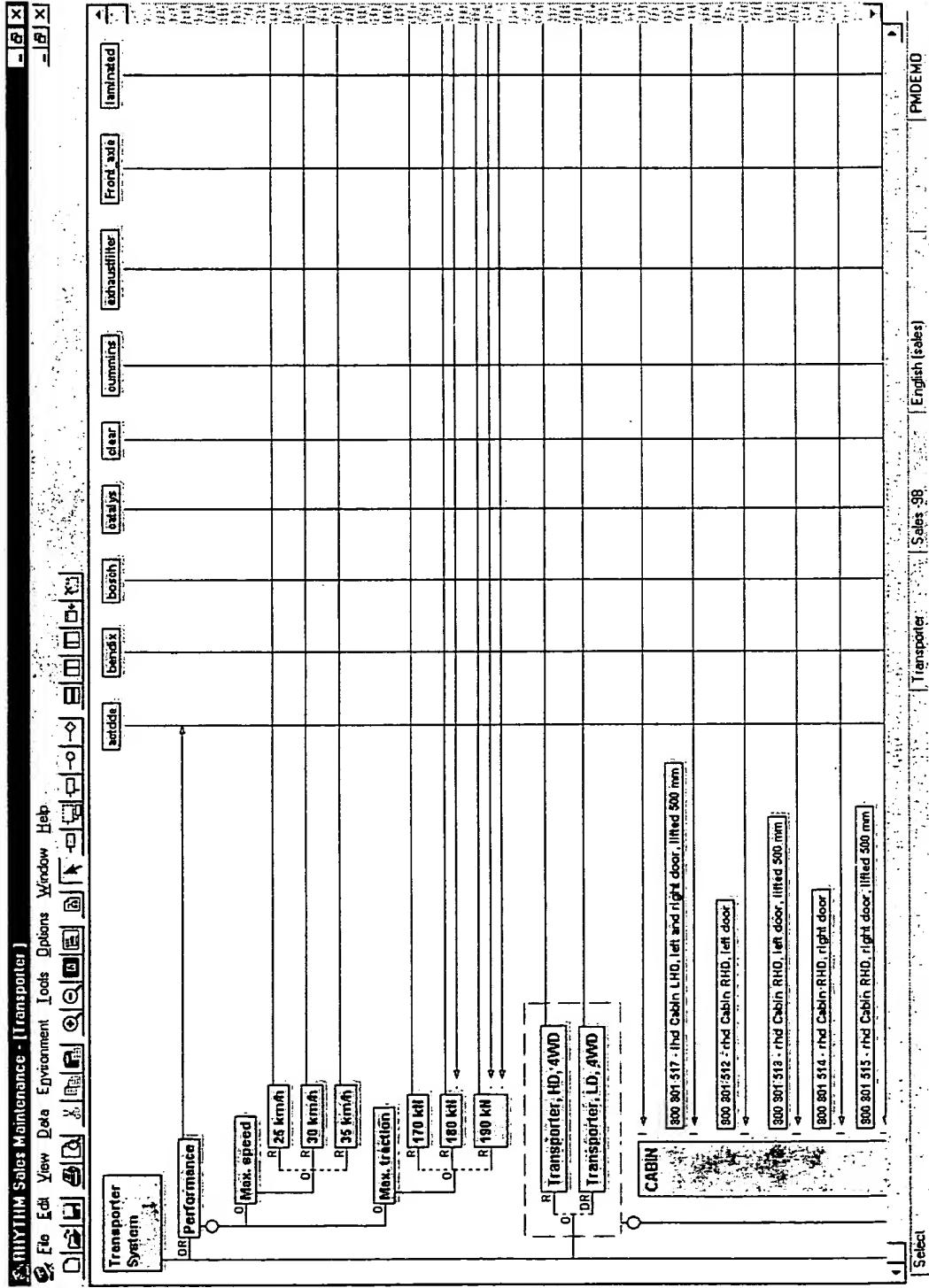
Data Server

All Uis can be utilized
simultaneously using
the same data

Data Server
260

FIGURE 5

Rule Maintenance



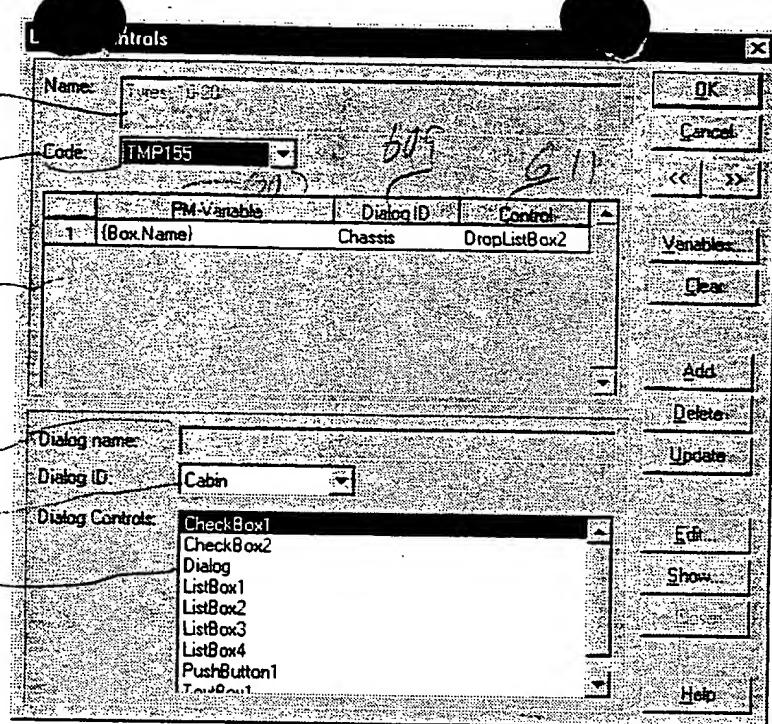


FIGURE 7

653

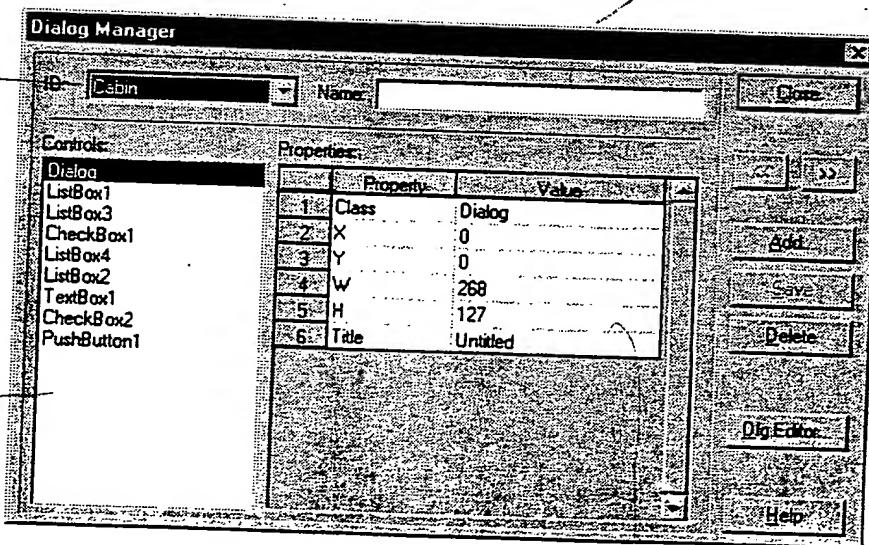
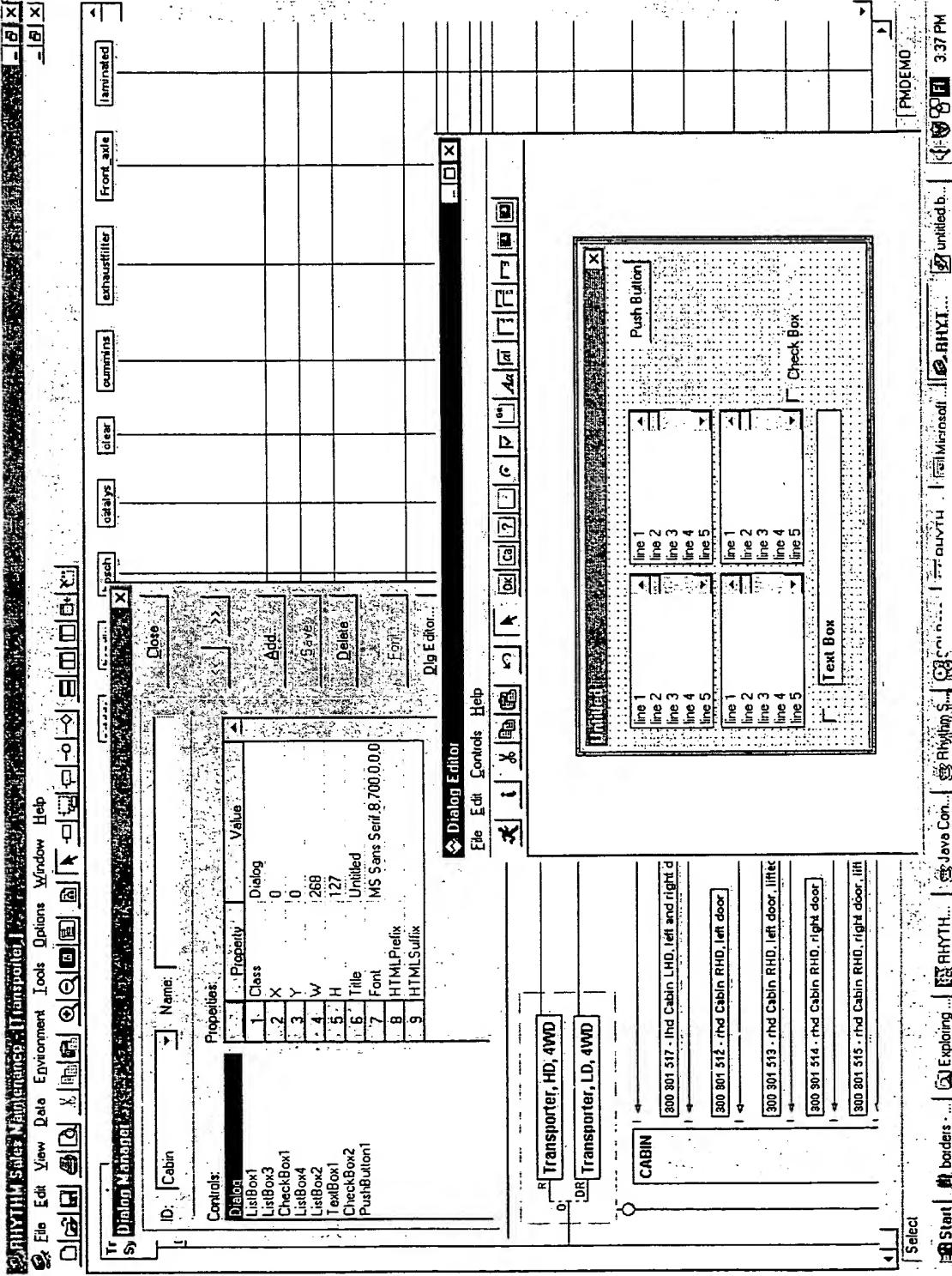


FIGURE 8

657

UI Maintenance



FIT 6 VKE

PM DEMO

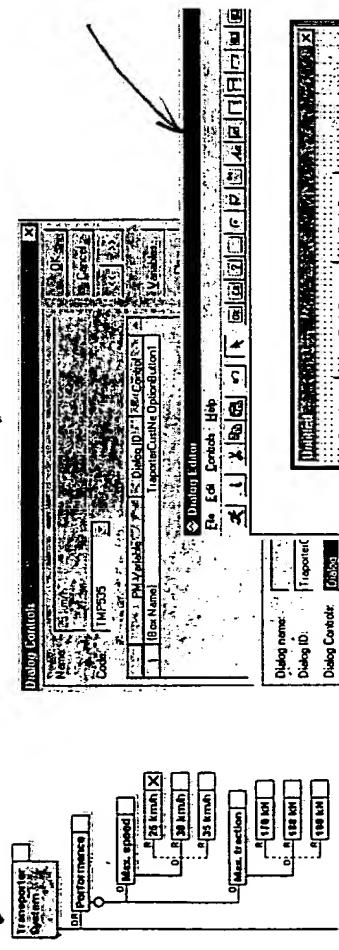
337 PM

UI Maintenance

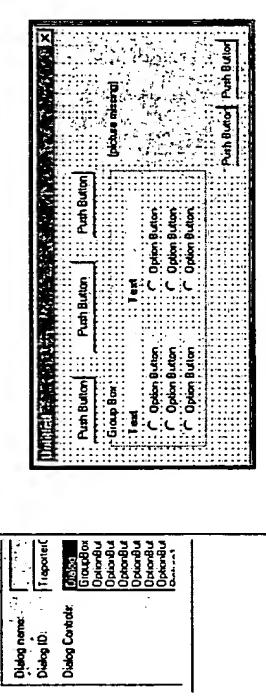
Digitized "Screenshot" Database

310

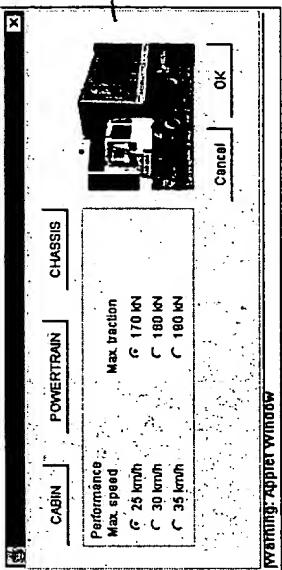
312



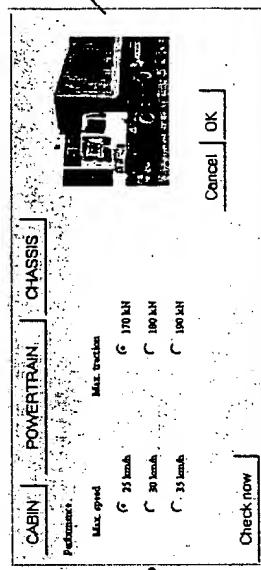
314



326



328



260

UI Saved to
database as meta
Data

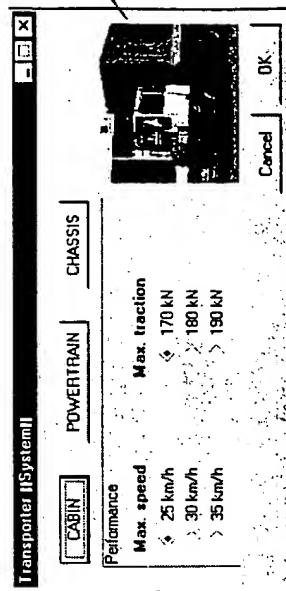
320



322

324

325



25

FIGURE 10

ESTABLISH COMMUNICATION BETWEEN BUYER AND SELLER

ACTIVATE APPROPRIATE RENDERING ENGINE

CALL APPROPRIATE DIALOG MANAGER MODULE

UTILIZE RENDERING ENGINES TO GENERATE
ASSOCIATED GRAPHICAL USER INTERFACE

COMMUNICATE WITH SINGLE DATABASE
TO READ META DATA ASSOCIATED WITH
THE GUI

APPLY METADATA DURING CREATION OF GUI
IN REAL TIME

MONITOR DIALOG INPUT BY
BUYER

AS NECESSARY, WRITE DATA TO DATABASE

NO

EM
SESSION

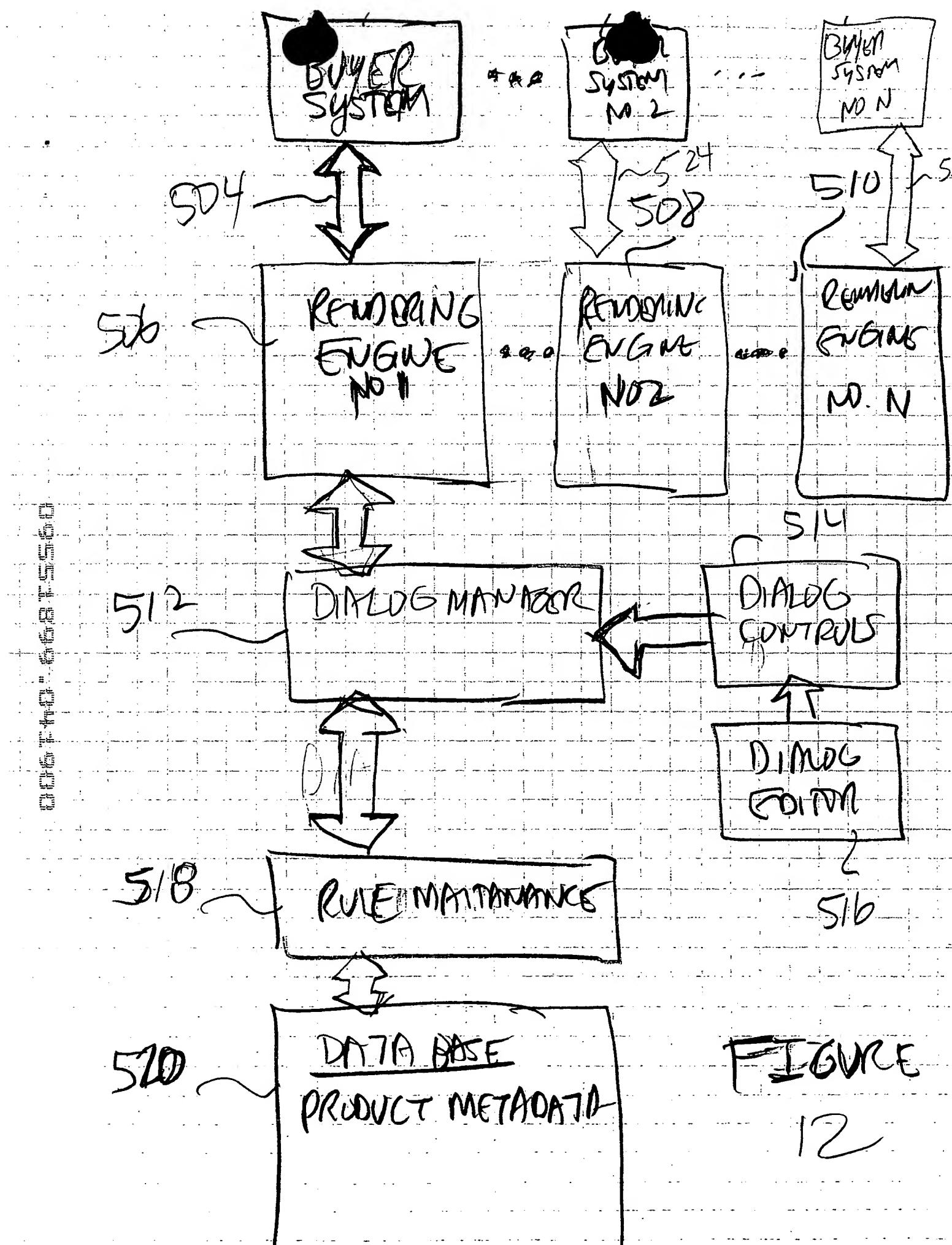
YES

ERROR

420

FIGURE 11

422



12

Property	Value
Class	Cannot be edited.
X	Displays the X coordinate of the control in pixels.
Y	Displays the Y coordinate of the control in pixels.
W	Displays the width of the control in pixels.
H	Displays the height of the control in pixels.
Title	Displays the title of the control.
Option Group	Cannot be edited.
Text	The default static control text
Font	Displays font name, size and style.
Multiline	Edit control feature (single line, multi line); 0 = no, 1 = yes
RTF	Defines the Edit control as RTF type; 0 = no, 1 = yes
RTFToolBar	When RTF has been chosen; a RTF toolbar can be added; 0 = no, 1 = yes
Extended	When listboxes are used; they can be owner type (can include picture, checkboxes etc.); 0 = no, 1 = yes

FIG 13

HTML table

Configure "Transporter, Europe / Sales -99"	
701	703
product:	705
707	709
711	713
717	719
725	727
735	737
745	747
753	755
759	757
763	759
763	764

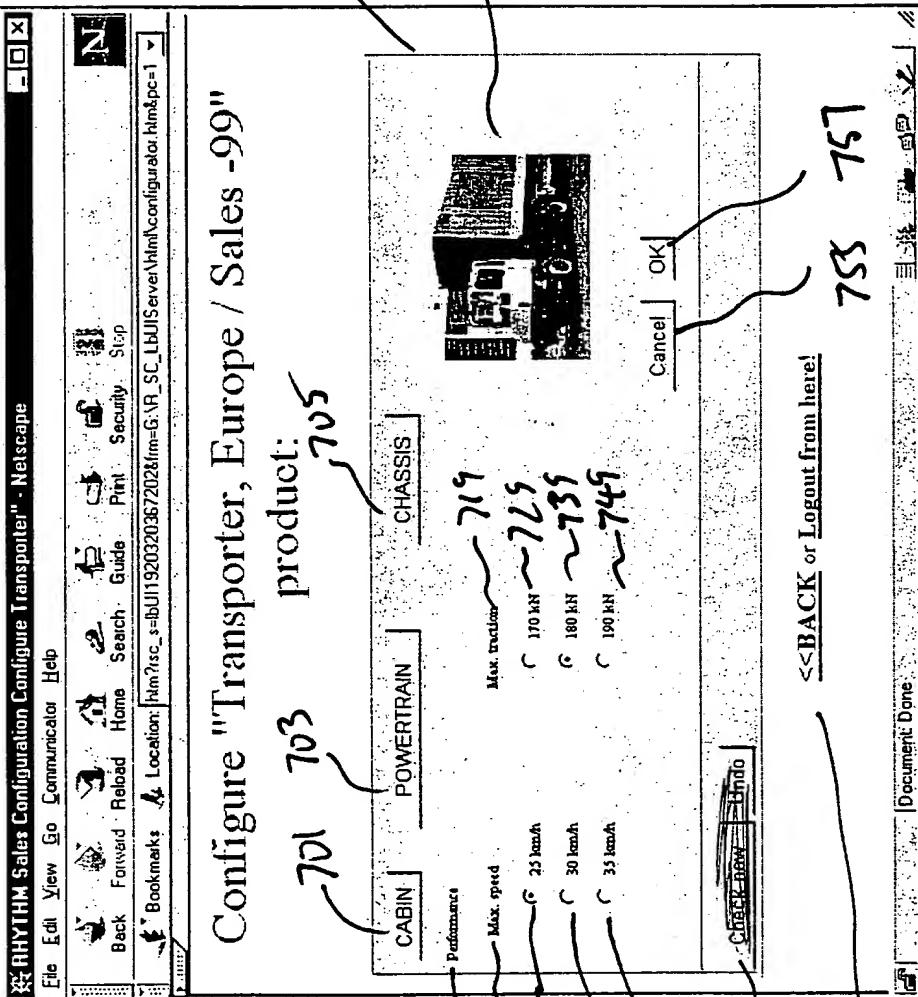
709
715
723
733
743

<<BACK or Logout from here!

Local Intranet Zone

FIGURE 14

CCS HTML UI



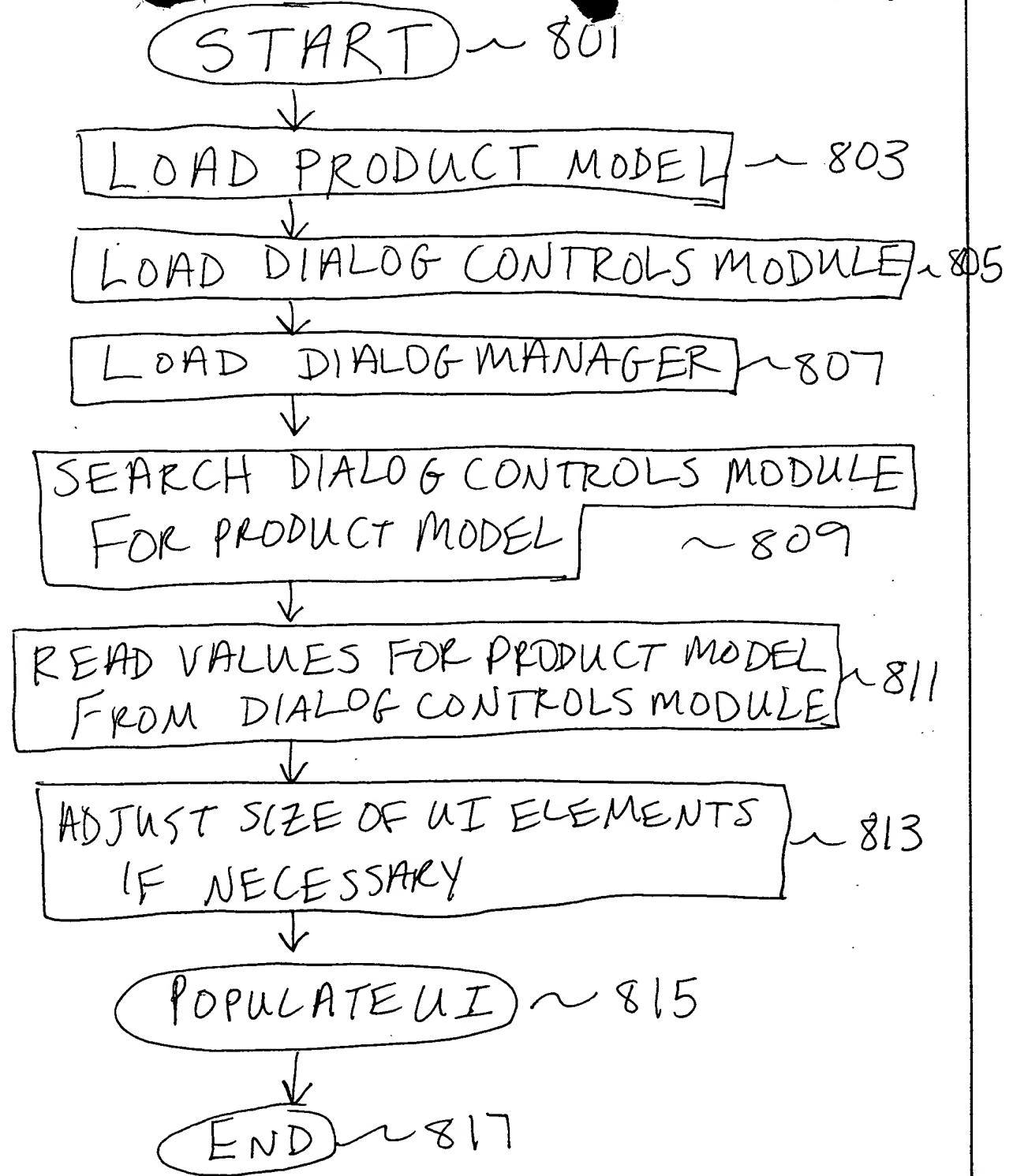


FIGURE 16